

IN THE CLAIMS:

Please cancel Claims 11 and 12 without prejudice or disclaimer of the subject matter recited therein.

Please amend Claim 1 as follows:

1. (Currently Amended) An electroconductive device, comprising:
a pair of oppositely disposed electrodes, and a luminescence layer and
an electroconductive layer disposed between the electrodes, wherein
the electroconductive layer comprises a mixture of a plurality of
organic compounds which are mutually intermolecularly structural isomers having an identical
ring structure and an identical rational formula but having structures different in the manner in
which their atoms are linked, and said plurality of organic compounds include a major
component and a minor component, the mixture comprising the major and minor components in
a (major component)/(minor component) ratio of 1/1 to 9/1.

2. (Original) A device according to Claim 1, wherein the organic
compounds are represented by the following formula (1):

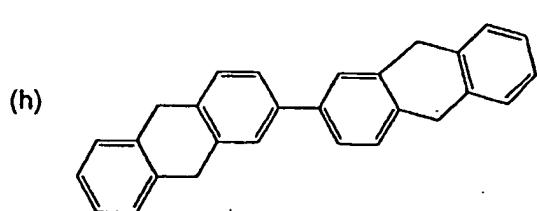
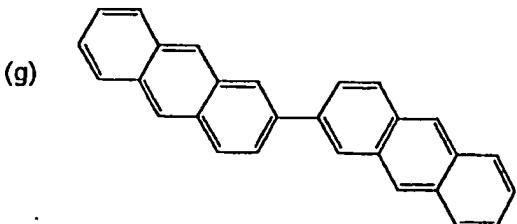
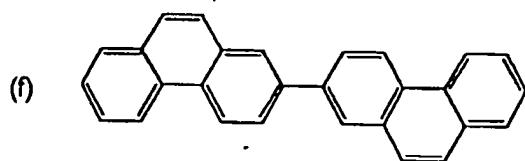
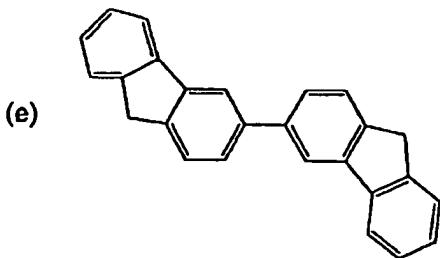
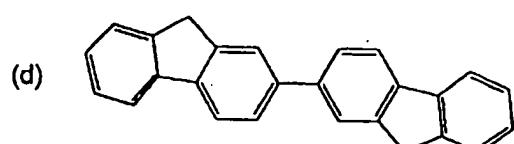
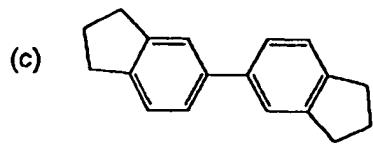
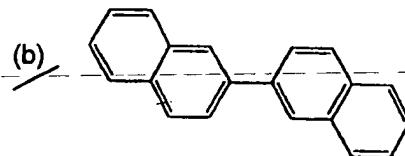
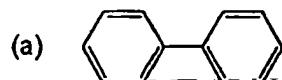


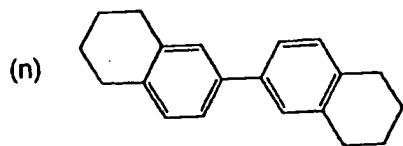
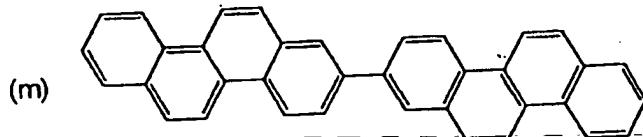
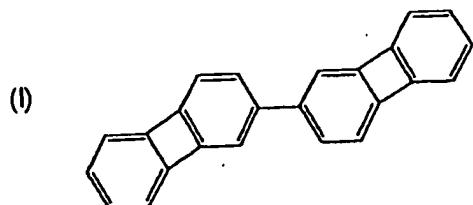
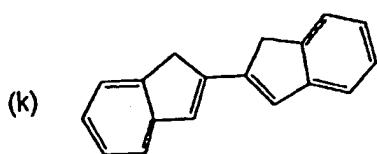
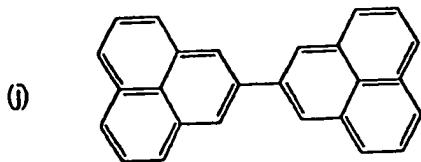
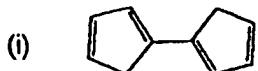
wherein Ar denotes a connected ring structure comprising two single rings connected with each other via a single bond or two fused rings connected with each other via a single bond; X and X' independently denote a single bond, -O-, -S-, -OOC- or -COO-; R and R' independently denote -H, -F or a linear or branched alkyl group having 1 - 20 carbon atoms capable of including one methylene group which can be replaced with -O-, -S-, -CH=CH- or -C≡C; and m and n are an integer of 1 - 8, with the proviso that R and R' cannot be -H at the same time when X and X' are a single bond.

Arai doesn't fit because Ar₄ + Ar₅ are arylene groups.
prior art does not provide for X + X' being a single bond
or R/R' being non cyclic.

3. (Previously Presented) A device according to Claim 2, wherein Ar in the formula (1) is a connecting ring structure comprising two fused rings connected with each other via a single bond, each of said two fused rings comprising 2 - 5 rings.

4. (Previously Presented) A device according to Claim 3, wherein Ar in the formula (1) is a connected ring structure represented by any one of the following formulas
(a) to (n):





wherein CH is optionally substituted with N or NH, and CH₂ is optionally substituted with S or O.

5. (Original) A device according to Claim 2, wherein Ar in the formula (1) is a connecting ring structure represented by the following formula (2):



wherein A and B independently denote any one of phenyl-diyl, pyridine-diyl, pyrazine-diyl, pyrimidine-diyl, pyridazine-diyl, indene-diyl, indolizine-diyl, isoindole-diyl, indole-diyl, purine-diyl, naphthalene-diyl, quinoline-diyl, isoquinoline-diyl, quinoxaline-diyl, 1, 5-naphthyridine-diyl, 1, 6-naphthyridine-diyl, 1, 7-naphtharidine-diyl, 1, 8-naphthyridine-diyl, quinazoline-diyl,

cinnoline-diyl, pyrido[2, 3-b]pyrazine-diyl, pyrazino[2, 3-b]pyrazine-diyl, pteridine-diyl, biphenylene-diyl, fluorene-diyl, carbazole-diyl, thianthrene-diyl, phenalene-diyl, phenanthridine-diyl, phenanthrene-diyl, anthracene-diyl, chrysene-diyl, acridine-diyl, perimidine-diyl, phenanthroline-diyl, phenazine-diyl, phenothiazine-diyl, phenoxyxathin-diyl, indan-diyl, coumaran-diyl, phthalan-diyl, chroman-diyl, isochroman-diyl, thiachroman-diyl, isothiachroman-diyl, and thiaxanthene-diyl.

6. (Original) A device according to Claim 5, wherein A in the formula (2) is quinoxaline-diyl.

7. (Previously Presented) A device according to Claim 2, wherein R=R', X=X₇ and m=n=1 are satisfied in the formula (1), and A=B is satisfied in the formula (2) to form a symmetric structure having a center of symmetry.

8. (Original) A device according to Claim 1, wherein the mixture of a plurality of organic compounds is in an amorphous state.

9. (Original) An electroluminescence device, comprising:
a pair of oppositely disposed electrodes, and a luminescence layer and a carrier injection layer and/or a carrier transport layer disposed between the electrodes, wherein
the carrier injection layer and/or the carrier transport layer comprises
the electroconductive layer of the electroconductive device according to Claim 1.

10. (Original) A device according to Claim 9, wherein the device comprises the luminescence layer and the carrier injection layer disposed between the electrodes, the carrier injection layer being an electron injection layer.

Claims 11 and 12. (Cancelled).